

DELL LATITUDE E4200 & MICROSOFT WINDOWS 7: BETTER TOGETHER



At Dell, we are focused on helping our customers get the most out of their IT investments. That's why we commissioned Principled Technologies®, a third party test group, to test how Dell™ Latitude™ laptops running Microsoft® Windows® 7 can improve system performance, increase user efficiency and help reduce overall operating expenses. To exemplify this Principled Technologies tested a new Latitude E4200, running Microsoft® Windows® 7, against the older Latitude D610 and D620, both running Microsoft® Windows XP, and these are the results:

Better Performance

- **Up to 69% better performance** - The E4200 offers up to 69% better performance than the D610 and up to 29% better performance than the D620 in the BAPCo SYSmark 2007 Preview test which measures overall system performance¹.
- **Nearly two additional hours of battery life** - Up to 132% (4 hours) longer battery life over the D610 and up to 112% (nearly 4 hours) longer than the D620 when testing with BAPCo MobileMark 2007¹.
- **Copy files up to 85% faster** - When copying various files from one location on the hard drive to another the E4200 was up to 85% faster than the Latitude D610 and up to 72% faster than the Latitude D620¹.
- **Shutdown up to 42% faster** - Shutting down tested to be up to 42% faster than the Latitude D610 and up to 36% faster than the D620¹.

Increased Efficiency

- **Boot time is up to 38% faster** - The Latitude E4200 with Microsoft® Windows® 7 boots up to 38% faster than a Latitude D610 and up to 42% faster than a Latitude D620 running Microsoft Windows XP¹.
- **Open Microsoft Office files up to 46% faster** - We tested application responsiveness with PowerPoint, Excel and Word in both wired and wireless environments and found that an E4200 can open files up to 44% faster than a D610 and up to 46% faster than a D620¹.
- **Resume from standby up to 66% faster** - The median time to resume from standby was up to 66% faster than the Latitude D610 and up to 48% faster than the Latitude D620¹.



Based on the analysis in Principled Technologies' report the efficiencies gained from a new Dell Latitude laptop running Microsoft® Windows® 7 can save up to 2 minutes per day. This may seem like an insignificant amount but when we extrapolate that across a 260 day work year that value adds up to 8 hours, an entire work day saved annually. If we assume that 80% of the time saved can be contributed to increased productivity an employee with a base yearly salary of \$50k could reduce operating expenses by up to \$165 annually. Going one step further, a business with 100 employees could save up to \$16k per year.

For full test results and methodologies see the complete report posted at:

http://principledtechnologies.com/clients/reports/Dell/Latitude_1009.pdf

¹Source: Principled Technologies, "A Performance Comparison of current and Previous Generation Dell Latitude notebook Systems" an October 2009 report commissioned by Dell. Actual performance will vary based on configuration, usage and manufacturing variability.